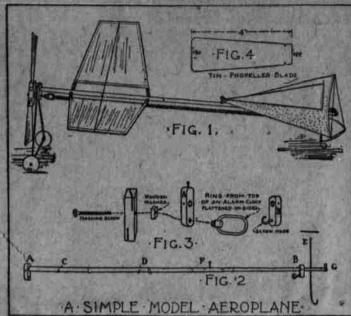
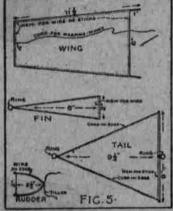
BOYS' HANDICRAFT By A. NEELY HALL

Author of "Handicroft for Handy Boys" and "The Boy Craftsman



A SIMPLE MODEL AEROPLANE.

The model aeroplane shown in Fig. The model aeroplane shown in Fig. 1 is a neat little monoplane and one of the simplest designs to carry out. The centerpole, which is shown in Fig. 2, can be made out of a piece of a bamboo flahing-rod or bamboo umbrella handie, % inch or ½ inch in diameter. Cut it 24 inches long. Prepare the blocks A and B as shown in Fig. 3, cutting block A ¼ inch thick. Fig. 3, cutting block A 1/4 inch thick. 1/4 inch wide and 1/4 inches long, and block B of the same width and thick-ness by 1% inches long. Make these out of hardwood, and bore the holes shown for the centerpole to slip through before trimming them down to their proper size, to avoid splitting the propeller shaft and screw a screw-hook into B. Fasten block A to one end of the center-pole, and block B



21% inches away from it. Then run a piece of stiff wire through the cen-ter-pole at C, which should be 21/2 inches from A, and another at D, which should be 6 inches away from wire C; also run a piece of wire 5½ inches long, with its lower end bent inches long, with its lower end bent into the form of a hook, through a vertical hole bored through the center-pole ¼ inch back of block B. Drive a screw into the top of the pole at F, which should be 7 inches away from block B, and fasten a braga ring to the rear end of the pole, as shown the rear end of the pole as the instructor of the best regimental part in this special school, and to Mr. Hammond as the instructor of the best regimental part in this special school, and to Mr. Hammond is the instructor of the best regimental part in this special school, and to Mr. Hammond in the army the chance to enter has been an ambitton for months, now realized through the rear end of the pole as the instructor of the pole as the instr

make; one can be bought at a small cost from any of the dealers who advertise materials for making aero nee, and one of these will give the greatest satisfaction. But you will find a propeller made similar to that shown in the illustrations a fairly good one. It is easy to make, too. The two blades are of tin. Cut them out shown in the illustrations a fairly good one. It is easy to make, too. The two blades are of tin. Cut them out of a tomato can, using Fig. 4 as a cabinet minister's wife to excuse herself from attendance at a court function because it collided with the appust the right curve for the blades, so, after removing the ragged edge of the opened end of a can, mark out the blades upon its sides and then cut them out. These blades set in the slotted ends of a hub block, such as is shown in Fig. 3. Make this out of hard-safe her requirements. Therefore, shown in Fig. 3. Make this out of hard-wood, % inch by % inch by 1% inches in size, drill a small hole through the center for a shaft, and slot each end diagonally for a distance of ½ inch-with a saw, as shown in the detail. Notch the edges of the blades near the narrow end, as shown in the pat-tern, and after slipping them into the slots in the hub turn over the little ends against the hub and drive a tack through the wood and the tin to help hold them in position. Procure the Notch the edges of the blades near the narrow end, as shown in the pattern, and after slipping them into the slots in the hub turn over the little ends against the hub and drive a tack through this wood and the tin to help hold them in position. Procure the ring from the top of a worn-out alarm-clock, and a machine-screw of the proper thread to fit it, for the propeller shaft (Fig. 3), and cut a small washer out of hardwood. Fig. 3 shows how the machine-screw should run through the propeller hub, then through the wooden washer, through the lower hole in block A, and then be screwed into the clock ring. The propeller is operated by a guibber-hand motor. Buy enough 3-inch rubber hand to make alv strands low. propeller is operated by a gubber-hand motor. Buy enough 3-inch rubberbands to make six strands long enough to reach from block A to block B, when looped end to end, and fasten one end of each strand to the clock ring and the other end to the screw-hook in block B.

Visitor (at poorhouse)—Where did that fine-loo'ting pauper come from? Superintendent—The city. He owns the St. Fashion Flats.
"My goodness! Why is he here?"
"He charges such high rents that they have been empty since the second year."

ring and the other end to the screw-hook in block B.

A landing chasis is not necessary for this model, still, if you provide one there will be less danger of the propellor blades being bent by coming in contact with the ground. The supports for the wheels can be made of stiff wire and be fastoned to block A a plece of bamboo can be used for an arle, and wooden button molds or spool ends will make good wheels.

Fig. 5 shows the patterns for the wings, tall, fin and ruddar. The wings require frames made of wire, or of four bamboo sticks bound together at the corners with lines thread, as indicated by the dotted lines in the drawing, and they are covered with silk, find the projecting suds of these wing frames to the ends of wires 6 and D on the center-pole (Figs. 1 said 5), and nect the outer edges of the

the cord short enough to warp the wings about 2½ inches (measure-ments taken at the center, between the string and the center-pole).

The tail has one stick which slips into a hem in the short edge of the cloth, and cords run through hems on the other two edges. Fasten one end of each cord to the stick and the other end to a small brass ring. This plane should be warped % inch by means of a warping cord attached to the ends of the stick, as in Fig. 1. The fin is prepared similar to the tall plane, but instead of having a stick run through it, the hem on the short edge slips over the upper end of wire E (Fig. 2). The rings on the fin and tall slip over the nail at F. The rudder has a piece of wire run

through its edge to give it stiffness, and the ends of this wire are bent into hooks and fastened to the lower part of wire E (Figs. 1 and 2). Attach a thread to the rear of the rudder and fasten the ends of this to the ends of

When you try out this model, you will probably find some re-adjustment of the wings, tall, fin and rudder necessary before it will fly satisfactorily.

(Copyright, 1912, by A. Neely Hall.) Goes Abroad to Study Music.

Wade H. Hammond, bandmaster

of the Ninth cavalry band, U. S. A., satied from New York a few days ago for England, where he will be en-rolled in the Royal musical school for bandmasters, at Hinslow, near Lon-don. He is on a six months' leave of absence. The extended leave of ab-sence he receives and his assignment to this school, a courtesy extended by the British government, is said to be unparalleled in the history of army bands of either race, and the m markable that the recipient of the honor is a negro. Unlike in this coun-try, where the ability of the bandmas-ter marks the attainment of the band, Great Britain teaches band music as

ground when it has to be considered."

satisfy her requirements. Therefore, the lady stayed at home to fill the breach, and a sympathetic queen ac-cepted the explanation with a readi-ness born of full understanding."

Duelling in Ireland.

fight a duel with your face to the

Landlord and Tenants.

will be confirmed at this session, for the reason that all such nominations can be revoked at the will of the president at any time. This means that President-elect Wilson, as soon A wooden propeller correctly pro-portioned is not easy for a boy to imental funds. the resignation of all the higher diplomatic officers. The resignations will be forthcoming at once. Put Washing Day First.

When March comes all the ambas-sadors of the United States to foreign countries will tender their resigna-tions in a body Some of the imnis-ters will not do so unless their resig-"Washing day, or rather washing work, is so important a period in the Balkan region that all family and so-cial obligations retire to the backnations are requested direct. It is en-tirely probable, however, that all the ministers will be informed that their resignations will be acceptable to the new administration.

It seems certain from p It seems certain from present indications that an income tax law, which the Supreme court will not, because it cannot declare uncon-stitutional will be passed by congress and signed by Woodrow Wilson be-fore he leaves the White House in 1917. It seems to be taken for granted that Mr Wilson will not seek a second term, and so the date of re-tirement is here so fixed. A man may change his mind in four years, how

ever, and the influence of today may not be the influence of tomorrow Congress learned from the Supreme court that it did not have the authorcourt that it did not have the authority to enact a federal income tax law it was this knowledge that led to the proposal of a simple amendment to the constitution giving the law-makers the power which they sought it is necessary that thirty-six states give their sanction to the amendment before it can become operative. Already thirty-four states have passed affirmatively on the proposition. When

Shows Now the Times Have Changed.

"How times have changed!" commented Stanley Livingston Mutahaw.

"Tis but a brief span, so to say, since the long red yell of the infuriated panther arose on the midnight air defuly interspersed with the no less heetis.

hat they choose.

The middle west, Ohio, Indiana, Illi-nois, Misnouri, Iowa, Kansas and the other states which ordinarily are in the front rank of real progressive leg-GREAT NUMBER OF PRESIDEN-

TIAL NOMINATIONS ARE

UNCONFIRMED.

By GEORGE CLINTON.

and an opportunity will be given to the Democratic president to name men of his own liking for the places.

How Approval is Withheld.

Now it would seem that, the Republicans still being in a majority in the senate, the president's present appointments might be confirmed, no

senators from any one state to the confirmation of any man appointed to federal office in that state.

wars against the senate's present approval of the president's nominations,

or at least of a good many of them. While the Republicans have a major ity in the senate, there are a good many Progressive-Republicans who have not acted with their party breth-

not care to countenance what they call unfairness by giving approval to prizes given where they should not be

There is another condition

DEMOCRATS ARE MODERATE

Probably Will Approve Taft's Scien tions for Offices in Republican Strongholds — Wilson Doubtless Will Name New Ambassadors and By GEORGE CLINTON.

Washington.—Leaders of all parties say that never within their memory have there been so many presidential nominations held up in the senate as is the case at the present time. It has happened that a great many vacancies in the federal service, from the federal bench down to the smallest presidential postmasterable, have occurred within the last few months, and it is President Tatt's duty to fill them. Naturally the Democrats, knowing that they will come into power in all branches of the government in March, desire some of these places for their party members, and as a result it is likely that a good many of the nominations will fail of confirmation, and an opportunity will be given to

other states which ordinarily are in the front rank of real progressive legislation, have sanctioned income tax legislation by the United States congress. States which have rejected the amendment are Utah. Shode Island, New Hampshire and Connecticut.

In ten states no action on the amendment yet has beer taken. Massachusetts has done nothing, and possibly, perhaps probably, she will not a condition which is equally true of five of the other states in which nothing has been done; but it is believed that Florida, New Jersey and West Wirginia will take action through their legislatures during the coming winter, and that soon after the Democrats come into possession of the administration and both branches of congress, as income tax law will be passed.

Democratic leaders in Washington admit that when the special session meets and they are cortain that income tax legislation can be enacted, they will breathe easier as to what may happen to the resources in case "the tariff for revenue only plan" is put into operation. When the ways and means committee was discussing revenue questions in connection with the preparation of the tariff bills which Mr. Taft vetoed, it studied income tax probabilities, and it was finally agreed that if a law putting such a tax into operation could be passed, it would result in an income to the government the first year of about 350,000,000.

Income tax legislation has interested congress in an academic way

men of his own liking for the places. It is now apparent, however, that there will be no attempt of the Democrats to hold up nominations for places in Republican strongholds, or for places which have no present hold-over incumbents in them. The party leaders say they do not believe in crippling the service in any way, and they admit "the presidential right" to name men for places where the Republicans have been and still are in control. ested congress in an academic way for a good many of these latter years. Some of the constitutional lawyers of the house and senate have held that a law could be passed which would stand the test of the Supreme court constituted as was the one which about alshies was a see declared. about eighteen years ago declared

The entire representation in the United States senate from the south is Democratic, and at a conference of the Democratic senators called to consider the paironage question it was agreed that the outgoing administration should not be permitted to fill the offices in the southern states where the Republicans are in a hopeless minority Taft's Plans for Future. Taft's Plans for Future.

What is President Taft going to do after he leaves office? It has been reported and perhaps generally believed that he is to accept the Kent lectureship of law at his aima mater, Yale university. The first report was that the Phelps fund which was given to endow the Kent professorship yielded an income of \$5,000 a year, but it has been found that the actual income from it is only a few hundreds of dollars, and therefore if the president is to take adfore if the president is to take ad-vantage of the lectureship opportunity, the university must take some meas-ures to make the compensation ade-

matter what action the Democrats might choose to take, but methods are peculiar in the United States senate. "Senatorial courtesy," so called, takes cognizance of the objection of the two ures to make the compensation sde-quate by providing funds from other than foundation sources

The president, it is said, would like nothing better than to get back to the practice of the law, but he hesitates to do this because of the ambarrassment which frequently would come from pleading cases before judges who hold their seats on the bench through his appointment. If the president should have a case before the Supreme court be would find himself confronted. court he would find himself confronted by several members of that high iribunal who owe the pointments to him and, moreover the chief jus-tice owes to Mr Taft his promotion from an associate justiceship to the highest place ren on any subject of moment for a long time. The Progressive-Repub-licans have said that Mr. Taft has given all the offices o the other fac-tion of the party, and that they fo

First He Will Play Golf. What the president intends to do for a while, at any rate, can be told

for a while, at any rate, can be told without much fear that the program is to be changed. Before entering upon an active career in the law or as an instructor in it, the president intends to go to Augusta, Ga., to stay for some weeks for a rest and for a chance to play golf without feeling that a host of neonle are waiting to see him on

When your neighbor treats you cooling to be supposed by smile upon him happily; and if he is not a fool, he ought to laugh another day. Lend him anything be asks for—money, tools or clothes or food—and assist him in his tasks and volunteer to saw his wood.

If a woman has a figure like a bunch of celery, compliment her on her rig or make yourself a devotee. Give your time to every drammer, agent, fool or bere; drink with drink or, mamm with mummer, and do everybody's chore.

Treat each person you encounter just as though it were a joy to advise, give some amount or any labor to employ. Help them all—in every station—just do everything you can you will get a reputation and you'll be a busy man.—J. A. Waldron, in Judge.

Thomas lier, a milkman was drowned in 1,000 gallous of butter-milk when his waron drunged into a milk war a milk war a milk war a milk milk war a milk milk when his waron drunged into a milk milk war a milk milk war a milk milk war When your neighbor treats you cool- Indian, and the palefaced ploneer

Group That Are Situated South west of England.

Period at Which Islands Were Sepa-rated from the Mainland Must Se Far Beyond the Reach of

London-People sometimes apply be term Lyonesse to the whole of fornwall, which is a mistake. If there Cornwall, which is a mistake. If there ever was such a land at all it lay westward of Cornwall, and the Scilly Isles are its relics. The name of Arthur plays like a lambent light about the district; but the period at which the Scillies were separated from the mainland must be far beyond the reach of history, which in England can only explore about two thousand years backward. The Lyonesse of romance extended to the scuthwest of Land's End, and was connected in race and legend with the Leon of Brittany. As a matter of geology the tradition has no satisfactory basis, though there are traces of submerged forests in Mount's Bay, and the old Cornish name of St. Michael's Mount represents that rock as having once stood in the center of woodland. In reality Gladden has been beaming on me for sents that rock as having once stood in the center of woodland. In reality the islands are the last upheavals of that backbone of granite which is so impressive on Dartmoor and which again comes into notice on the Bodmin Moors. True, ocean depths do not begin till far beyond the islands, so that in its relation to the great submarine platform Scilly may be considered structurally attached to Britain, as Britain is to the Continent. Some portion of the vanished region may have survived adjoining the coasts of Mount's Bay, till the year 1999, when, according to the Saxon chroncie, Lyonesse was destroyed in a great tempest.

when we come to the genuine history of Scilly there are some interesting things to notice. The islands seem to have been used as a penal settlement in Roman times; and in the sixth century they gave a home to the Weich St. Samson, who became bishop of Dol, and who has left footprints in Guernsey as well as in Devon and in Guernsey as well as in Devon and Cornwall. The lale of Samson is now uninhabited, but it may have had a fairly large population when the saint established an oratory here; there are many traces of early occupation. To many it is still more interesting as the home of Walter Besant's Armorel. Early in the tenth century Athelstan made a conquering expedition through Cornwall, and is said to have spied these isles from the high land at St. Buryan—the day must have been unonly clear. He vowed to build a church on the spot where he stood if





MELISSA WILL NOT BE SCORCHED cloud up and rain BY A SUNNY DISPOSITION. am wearing my b

"A touch o' sun, a touch o' sun," repiled Mrs. Merriwid, faintly. "Mr. i
Gladden has been beaming on me for
the last three-quarters of an hour and
there wasn't a shady spot in the room.
He's the most refulgent person I ever
did see, but hasking in his rays for
more than a half hour gives me pronounced pengs of anguish. Would
by you mind having the blinds down,
medearle? And I'd like to lave Hilda dearie? And I'd like to have Hilda toll an imitation of a passing bell on the lowest cup of the gong, if she ian't too busy. Let's talk of graves and worms and epitaphs. Would you rather be buried or cremated?"

"How above your extraction of the control of the

"How absurd you are, Melissa," Aunt Jane reproved.
"That's the kind of conversation I want," said Mrs. Merriwid. "Go on,

"I won't do anything of the sort," said the elder lady, "Some of these days you'll be sorry you ever said such things,"

"I hope so," replied Mrs. Merriwid, meekly. "I trust there are sadder days in store. You're doing nicely.

ow's, and it's charge.
your forforn and disconsolate
man with a few words of ch
it is to lend him money.
didn't mention all this. I me
him that it could never, never



But, honest, auntie dear, do you like 'em as cheerful as Mr. Gladden?"

"Of course I do," Aunt Jane answered. "A person can't be too cheerful."

"If you expect me to like optimists

ful."
"I disagree with you," said Mrs. is
Merriwid, emphatically, "I think Mr.
Gladden is. Of course, being a promoter, he's got to be more or less
and accouraging but, in my

Typical Golly Fam House, and the best of the season of the

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